

10/21

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. 115086-006
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In Re Application Of: **Kenneth Bruninga**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/795,940	March 8, 2004	Unknown	24573	3752	1344

Title: **ADJUSTABLE SPRINKLER**



Address to:  
**Commissioner for Patents**  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
115086-006

In Re Application: **Kenneth Bruninga**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/795,940	March 8, 2004	Unknown	24573	3752	1344

**ADJUSTABLE SPRINKLER**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of \_\_\_\_\_ is attached.

The Director is hereby authorized to charge and credit Deposit Account No. **02-1818** as described below.

Charge the amount of \_\_\_\_\_

Credit any overpayment.

Charge any additional fee required.

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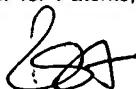
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**Certificate of Mailing by First Class Mail**

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Signature of Person Mailing Correspondence

Renee Street

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

Dated: **August 9, 2004**

**Christopher S. Hermanson**

Reg. No. 48,244

**BELL, BOYD & LLOYD LLC**

P.O. Box 1135

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CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kenneth Bruninga

Appl. No.: 10/795,940

Conf. No.: 1344

Filed: March 8, 2004

Title: ADJUSTABLE SPRINKLER

Art Unit: 3752

Examiner: Unknown

Docket No.: 115086-006



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, be made during the course of examination of the above-identified application for United States patent. Pursuant to the Official Gazette Notice dated August 5, 2003, copies of the cited U.S. patents and patent applications are not included as this application was filed after June 30, 2003. However, copies of all other cited references are included with this form.

**U.S. PATENT DOCUMENTS**

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
1,776,455	September 23, 1930	Thomson
1,983,929	December 11, 1934	Buelna et al.
1,999,470	April 30, 1935	Munz
2,634,163	April 7, 1953	Double
2,827,914	March 25, 1958	Alters
2,943,798	July 5, 1960	Rienks
3,038,666	June 12, 1962	Dudley et al.
3,088,677	May 7, 1963	Coffey et al.
3,107,056	October 15, 1963	Hunter
3,468,484	September 23, 1969	Hunter
3,515,351	June 2, 1970	Costa
3,523,647	August 11, 1970	Radecki

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
3,526,363	September 1, 1970	Hauser
3,583,638	June 8, 1971	Eby et al.
3,589,616	June 29, 1971	Stephens
3,650,478	March 21, 1972	Jones
3,655,132	April 11, 1972	Rosic
3,664,590	May 23, 1972	Knight
3,713,584	January 30, 1973	Hunter
3,724,757	April 3, 1973	Hunter
3,762,650	October 2, 1973	Radecki
3,771,723	November 13, 1973	Ray
3,782,638	January 1, 1974	Bumpstead
3,854,664	December 17, 1974	Hunter
3,921,910	November 25, 1975	L.R. Nelson
3,921,912	November 25, 1975	Hayes
3,934,820	January 27, 1976	Phaup
3,940,066	February 24, 1976	Hunter
4,019,686	April 26, 1977	Palma
4,091,997	May 30, 1978	Ridgway
4,094,467	June 13, 1978	Meyer
4,119,275	October 10, 1978	Hunter
4,171,775	October 23, 1979	Unruh
4,189,099	February 19, 1980	Bruninga
4,200,230	April 29, 1980	Gould
4,212,426	July 15, 1980	Choi
4,253,608	March 3, 1981	Hunter
4,271,541	June 9, 1981	Mathews
4,272,024	June 9, 1981	Kah, Jr.
4,353,507	October 12, 1982	Kah, Jr.
4,417,691	November 29, 1983	Lockwood
4,471,908	September 18, 1984	Hunter
4,562,964	January 7, 1986	Diamond
4,624,412	November. 25, 1986	Hunter

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
4,634,052	January 6, 1987	Grizzle et al.
4,650,118	March 17, 1987	Saarem et al.
4,681,260	July 21, 1987	Cochran
4,702,417	October 27, 1987	Hartley et al.
4,739,934	April 26, 1988	Gewelber
4,763,838	August 16, 1988	Holcomb
4,765,541	August 23, 1988	Mangels et al.
4,773,595	September 27, 1988	Livne
4,784,325	November 15, 1988	Walker et al.
4,787,558	November 29, 1988	Sexton et al.
4,790,481	December 13, 1988	Ray et al.
4,834,292	May 30, 1989	Dyck
4,848,667	July 18, 1989	Dyck
4,867,378	September 19, 1989	Kah, Jr.
4,892,252	January 9, 1990	Kenneth Bruninga
4,901,924	February 20, 1990	Kah, Jr.
4,919,337	April 24, 1990	Van Leeuwen et al.
4,925,098	May 15, 1990	Di Paola
4,939,797	July 10, 1990	Goettl
4,948,052	August 14, 1990	Hunter
4,955,542	September 11, 1990	Kah, Jr.
4,961,534	October 9, 1990	Tyler et al.
4,971,250	November 20, 1990	Hunter
4,971,256	November 20, 1990	Malcolm
4,972,993	November 27, 1990	Van Leeuwen
5,031,833	July 16, 1991	Alkalay et al.
5,050,800	September 24, 1991	Lamar
5,052,621	October 1, 1991	Katzer et al.
5,086,977	February 11, 1992	Kah, Jr.
5,098,021	March 24, 1992	Kah, Jr.
5,104,045	April 14, 1992	Kah, Jr.
5,115,977	May 26, 1992	Alkalay et al.

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
5,141,157	August 25, 1992	Han et al.
5,148,990	September 22, 1992	Kah, Jr.
5,148,991	September 22, 1992	Kah, Jr.
5,163,618	November 17, 1992	Cordua
5,174,501	December 29, 1992	Hadar
5,199,646	April 6, 1993	Kah, Jr.
5,213,016	May 25, 1993	Kah, Jr.
5,222,669	June 29, 1993	Lawson
5,224,653	July 6, 1993	Nelson et al.
5,226,599	July 13, 1993	Lindermeir et al.
5,234,169	August 10, 1993	McKenzie
5,292,071	March 8, 1994	Kruer
5,330,103	July 19, 1994	Eckstein
5,368,229	November 29, 1994	Hayes et al.
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Re. 35,037	September 19, 1995	Kah, Jr.
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5,641,122	June 24, 1997	Alkalai et al.
5,642,861	July 1, 1997	Ogi et al.
5,653,390	August 5, 1997	Kah, Jr.
5,673,855	October 7, 1997	Nguyen et al.
5,676,315	October 14, 1997	Han
5,685,486	November 11, 1997	Spenser
5,695,122	December 9, 1997	Messinger
5,695,123	December 9, 1997	Le
5,758,827	June 2, 1998	Van Le et al.
5,765,757	June 16, 1998	Bendall
5,785,248	July 28, 1998	Staylor et al.
5,826,797	October 27, 1998	Kah, III
6,019,295	February 1, 2000	McKenzie

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
6,029,907	February 29, 2000	McKenzie
6,039,268	March 21, 2000	Grundy et al.
6,042,021	March 28, 2000	Clark
6,050,502	April 18, 2000	Clark
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6,109,545	August 29, 2000	Kah, Jr.
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6,182,909	February 6, 2001	Kah, Jr. et al.
6,193,169	February 27, 2001	Steinhilber et al.
6,209,801	April 3, 2001	Kearby et al.
6,237,862	May 29, 2001	Kah, III, et al.
6,241,158	June 5, 2001	Clark et al.
6,264,117	July 24, 2001	Roman
6,336,597	January 8, 2002	Kah, Jr.
6,364,217	April 2, 2002	Lockwood
6,367,708	April 9, 2002	Olson
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6,478,237	November 12, 2002	Kearby et al.
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6,643,857	November 11, 2003	Kenna et al.
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<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
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2003/0089796	May 15, 2003	Kah, III et al.
2003/0150934	August 14, 2003	Lawson
2003/0155433	August 21, 2003	Gregory

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

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Dated: August 9, 2004



INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION  
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. 115086-006	Application No. 10/795,940
Applicant	Kenneth Bruninga
Filing Date March 8, 2004	Group 3752

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	1,776,455	September 23, 1930	Thomson			
	1,983,929	December 11, 1934	Buelna et al.			
	1,999,470	April 30, 1935	Munz			
	2,634,163	April 7, 1953	Double			
	2,827,914	March 25, 1958	Alters			
	2,943,798	July 5, 1960	Rienks			
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	3,088,677	May 7, 1963	Coffey et al.			
	3,107,056	October 15, 1963	Hunter			
	3,468,484	September 23, 1969	Hunter			
	3,515,351	June 2, 1970	Costa			
	3,523,647	August 11, 1970	Radecki			
	3,526,363	September 1, 1970	Hauser			
	3,583,638	June 8, 1971	Eby et al.			
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	3,650,478	March 21, 1972	Jones			
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	3,724,757	April 3, 1973	Hunter			
	3,762,650	October 2, 1973	Radecki			
	3,771,723	November 13, 1973	Ray			
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	3,921,912	November 25, 1975	Hayes			
	3,934,820	January 27, 1976	Phaup			
	3,940,066	February 24, 1976	Hunter			

Examiner:

Date Considered:

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)  PTO Form 1449		Atty Docket No. 115086-006	Application No. 10/795,940
		Applicant Kenneth Bruninga	
		Filing Date March 8, 2004	Group 3752

U.S. PATENT DOCUMENTS						
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	4,091,997	May 30, 1978	Ridgway			
	4,094,467	June 13, 1978	Meyer			
	4,119,275	October 10, 1978	Hunter			
	4,171,775	October 23, 1979	Unruh			
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	4,471,908	September 18, 1984	Hunter			
	4,562,964	January 7, 1986	Diamond			
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	4,765,541	August 23, 1988	Mangels et al.			
	4,773,595	September 27, 1988	Livne			
	4,784,325	November 15, 1988	Walker et al.			
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		4,972,993	November 27, 1990	Van Leeuwen			
		5,031,833	July 16, 1991	Alkalay et al.			
		5,050,800	September 24, 1991	Lamar			
		5,052,621	October 1, 1991	Katzer et al.			
		5,086,977	February 11, 1992	Kah, Jr.			
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		5,115,977	May 26, 1992	Alkalay et al.			
		5,141,157	August 25, 1992	Han et al.			
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		5,148,991	September 22, 1992	Kah, Jr.			
		5,163,618	November 17, 1992	Cordua			
		5,174,501	December 29, 1992	Hadar			
		5,199,646	April 6, 1993	Kah, Jr.			
		5,213,016	May 25, 1993	Kah, Jr.			
		5,222,669	June 29, 1993	Lawson			

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	5,330,103	July 19, 1994	Eckstein			
	5,368,229	November 29, 1994	Hayes et al.			
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	5,409,168	April 25, 1995	Nelson et al.			
	5,417,370	May 23, 1995	Kah, Jr.			
	Re. 35,037	September 19, 1995	Kah, Jr.			
	5,588,594	December 31, 1996	Kah, Jr.			
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	5,653,390	August 5, 1997	Kah, Jr.			
	5,673,855	October 7, 1997	Nguyen et al.			
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	6,029,907	February 29, 2000	McKenzie			
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	6,050,502	April 18, 2000	Clark			

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)  PTO Form 1449		Atty Docket No. 115086-006	Application No. 10/795,940
		Applicant Kenneth Bruninga	
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U.S. PATENT DOCUMENTS							
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		6,085,995	July 11, 2000	Kah, Jr. et al.			
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		6,336,597	January 8, 2002	Kah, Jr.			
		6,364,217	April 2, 2002	Lockwood			
		6,367,708	April 9, 2002	Olson			
		6,443,372	September 3, 2002	Hsu			
		6,478,237	November 12, 2002	Kearby et al.			
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		6,637,672	October 28, 2003	Cordua			
		6,643,857	November 11, 2003	Kenna et al.			
		6,651,905	November 25, 2003	Sesser et al.			
		2001/0013557	August 16, 2001	Kah, III et al.			
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		2002/0092924	July 18, 2002	Ingham, Jr. et al.			
		2002/0130202	September 19, 2002	Kah, Jr. et al.			
		2002/0153432	October 24, 2002	McKenzie et al.			
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		2002/0179733	December 5, 2002	Clark			

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Atty Docket No.	Application No.
	115086-006	10/795,940
	Applicant	Kenneth Bruninga
Filing Date	Group	
March 8, 2004	3752	

U.S. PATENT DOCUMENTS							
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		2003/0089796	May 15, 2003	Kah, III et al.			
		2003/0150934	August 14, 2003	Lawson			
		2003/0155433	August 21, 2003	Gregory			

Examiner's Initials	OTHER DOCUMENTS ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )

Examiner:	Date Considered:
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